No.



8900210

TO ALL TO WHOM THESE; PRESENTS; SHALL COME;

Northrup King Co.

Tothereas, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLI-CANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EX-CLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT TY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'S17-18'

In Testimony Whereof, I have hereunto sel my hand and caused the seal of the Liaut Unriety Protection Office to be affixed Washington, D. C.

day of he year of our Lord one thousand nine

dred and ninety-one.

Plant Variety Protection Office

Agricultural Murketing Gervice

		FORM APPROVED: OMB NO. 0581-0055		
U.S. DEPARTMENT OF AGRICULTU AGRICULTURAL MARKETING SERV	Application is required in order to determine if a plant variety protection certificate is to			
APPLICATION FOR PLANT VARIETY PROTEI	CTION CERTIFICATE	the issued (7 U.S.C. 2421). Information is		
(Instructions on reverse)	51,011 021111 10/11 2	held confidential until certificate is issued (7 U.S.C. 2426).		
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME		
Northrup King Co.	X8818 (W315780)	S17-18		
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)	5. PHONE (Include area code)	FOR OFFICIAL USE ONLY		
P. O. Box 959		PVPO NUMBER		
Minneapolis, MN 55440	612-593-7333	8900210		
6. GENUS AND SPECIES NAME 7. FAMILY NAI	ME (Botanical)	9 Thay 151989		
01	enda alta e	TIME TIME		
Glycine max Leg	guminosae	" 2:00 A.M. VP.M.		
8. KIND NAME 9.	DATE OF DETERMINATION	AMOUNT FOR FILING		
Soybean	January, 1987	a \$ 1800 7350		
		= 87 may		
AD ALT THE APPLICANT MANEE IS NOT A METERON WOMEN FORM	OF OPENITATION (Company)	BATE They 15, 1989; May		
 IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM partnership, association, etc.) 	OF ORGANIZATION (Corporation,			
Corporation		SS S 250		
ાં પ્રાથમિક મેટ્રેનિકોન્ડ્ર કાલ્પોલનને <mark>જે</mark> લને કેલેંગને જેન્દ્રોને કેલેંગને	Property and the second	Feb 20,1991		
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Delaware		12. DATE OF INCORPORATION		
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), 1	F ANY, TO SERVE IN THIS APPLI	CATION AND RECEIVE ALL PAPERS		
Robert W. Romig				
Northrup King Co.	· ·			
P. O. Box 959	PHONE (Include an	es endelt		
Minneapolis, MN 55440		ea code): 612-593-7305		
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMIT a. Exhibit A, Origin and Breeding History of the Variety (See		otection Act.)		
b. Exhibit B. Novelty Statement.	Booson 52 of the 1 mile 7 miles			
c. \(\overline{\text{Z}}\) Exhibit C, Objective Description of Variety (Request form	from Plant Variety Protection Offi	ce.)		
d. Exhibit D, Additional Description of Variety.				
e. 🔀 Exhibit E, Statement of the Basis of Applicant's Ownership	p.:			
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARI SEED? (See Section 83(a) of the Plant Variety Protection Act.)		E ONLY AS A CLASS OF CERTIFIED items 16 and 17 below)		
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	17. IF "YES" TO ITEM 16, N BEYOND BREEDER SEE	NHICH CLASSES OF PRODUCTION ED?		
☐ Yes ☐ No	Foundation	Registered Certified		
18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECT		.S.?		
		Yes (If "Yes," give date)		
		X No		
19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE,	OR MARKETED IN THE U.S. OF	OTHER COUNTRIES ? Yes (If "Yes," give names		
		of countries and dates)		
		X No		
20. The applicant(s) declare(s) that a viable sample of basic seed plenished upon request in accordance with such regulations		d with the application and will be re-		
The undersigned applicant(s) is (are) the owner(s) of this sex distinct, uniform, and stable as required in Section 41, and i Variety Protection Act.	cually reproduced novel plant va s entitled to protection under th	riety, and believe(s) that the variety is e provisions of Section 42 of the Plant		
Applicant(s) is (are) informed that false representation herei	n can jeopardize protection and	result in penalties.		
SIGNATURE OF APPLICANT		DATE		
Kohen W. Kome		May 11, 1989		
SIGNATURE OF APPLICANT		DATE		
		<u> </u>		

EXHIBIT A

Origin and Breeding History of the Variety

- 1980-82 The Northrup King soybean research group at Washington, Iowa made the cross 'S48' x 'Pella' and advanced the population to F₆. In October, 1982, we harvested 100 early maturing plants and threshed them individually.
- 1983 We grew each of the 100 plant selections in an F_7 progeny row. We selected one of these, numbered W315780, on the basis of agronomic appearance to be tested in a preliminary yield trial. This line was subsequently named S17-18.
- 1984-86 We tested S17-18 in replicated yield trials at several Northern U.S. and Southern Ontario locations and found it to yield well in comparison to other Maturity Group I varieties. We identified and confirmed the descriptive characteristics purple flowers, grey pubescence, tan pods, buff hilum, and dull seed coat luster. We tested S17-18 for reaction to iron-deficiency chlorosis on calcareous soil in Northewest Iowa and found it to be moderately tolerant.

In 1986 we initiated seed increase from 500 grams of carefully hand rogued seed. We removed all plants not conforming to the variety description by intensively roguing the increase block several times.

1987-88 - We continued to test S17-18 in advanced yield trials to confirm descriptive characteristics and performance. We grew Breeder Seed in 1987 from the initial increase grown in 1986. We also grew 100 progeny rows to monitor within line variability and to produce Pedigree Seed. The variety was uniform for observable characteristics.

In 1988 we grew Foundation Seed of S17-18. The Iowa Crop Improvement Association inspected the production field and found it to meet the standards for Foundation Seed. The National Soybean Variety Review Board approved S17-18 for eligibility for Certification on December 8, 1988.

S17-18 is generally a stable and uniform soybean variety. Seeds of S17-18 have a light buff hilum color; we have observed an occasional seed with a lighter or darker than normal hilum. These types may constitute up to 2% of the seed of the variety. We have also noted an unusual reaction of S17-18 to inoculation with Phytophthora megasperma. The variety shows an intermediate reaction to Race 1, a resistant reaction to Race 2, and a susceptible reaction to Race 3. Finally, pod color tends to be somewhat darker than some other tan podded varieties and may vary slightly from pod to pod on the same plant. We have observed no other variants in six years of testing and three years of seed increase other than minor, environmentally induced variation normally encountered in a soybean variety.

We will maintain varietal purity by use of progeny rows as needed.

EXHIBIT B

Novelty Statement for the Variety

Soybean variety S17-18 is most similar to Hodgson 78, S15-50, and A1937. It can be differentiated from Hodgson 78 on the basis of pod color. Hodgson 78 has dark brown pods while S17-18 has tan pods. It can be differentiated from S15-50 on the basis of hilum color. Seeds of S17-18 have buff hila while seeds of S15-50 have grey hila. It can be differentiated from A1937 based on pubescence color. S17-18 has grey pubescence while A1937 has tawny pubescence.

EXHIBIT C (Soybean)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max L.)

	EAN (GIYCINE MAX L.)	
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Northrup King Co.	X8818 (W315780)	S17-18
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip C	** * * *	FOR OFFICIAL USE ONLY
Northrup King Co. Attention P. O. Box 959	: R. W. Romig	PVPO NUMBER
Minneapolis, MN 55440		8900210
Choose the appropriate response which characterizes the	variety in the features described	below. When the number of significant digits
in your answer is fewer than the number of boxes provide	d, place a zero in the first box	when number is 9 or less (e.g., 0 9).
Starred characters * are considered fundamental to an ade	equate soybean variety descript	ion. Other characters should be described
when information is available. 1. SEED SHAPE:		
1 = Spherical (L/W, L/T, and T/W ratios = < 1.2) 3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)		(L/W ratio > 1.2; L/T ratio = < 1.2) (L/T ratio > 1.2; T/W > 1.2)
2. SEED COAT COLOR: (Mature Seed)		The state of the s
1 = Yellow 2 = Green 3 = Brown	4 = Black 5 = Other	(Specify)
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)		
1 = Dull ('Corsoy 79'; 'Braxton') 2 = Shiny ('Neb	osoy'; 'Gasoy 17')	
4. SEED SIZE: (Mature Seed)		
1 5 Grams per 100 seeds Compared to Hodge	son 78 at 14.	
5. HILUM COLOR: (Mature Seed)		
1 = Buff 2 = Yellow 3 = Brown May contain up to 2% other hilt	4 = Gray 5 = Imperfect Bl	ack 6 = Black 7 = Other (Specify)
6. COTYLEDON COLOR: (Mature Seed)		·
1 = Yellow 2 = Green		
7. SEED PROTEIN PEROXIDASE ACTIVITY:		
1 = Low 2 = High		
8. SEED PROTEIN ELECTROPHORETIC BAND:		
2 = Type A (SP1 ^b)		
9. HYPOCOTYL COLOR:		
10. LEAFLET SHAPE:	•	
3 1 = Lanceolate 2 = Oval 3 = Ovate	e 4 = Other (Specify)	

(Edition of 2-82 is obsolete.)

			<u> </u>	0700210
1	1. LEA	FLET SIZE:		
	-	1 = Small ('Amsoy 71'; 'A5312')	2 = Medium ('Corsoy 79'; 'Gasc	v 17')
20.75	2	3 = Large ('Crawford'; 'Tracy')		
			and the second s	
1:	2. LEA	F COLOR:		
	· —	1 = Light Green ('Weber'; 'York')	2 = Medium Green ('Corsoy 79'	· Brayton()
	2	3 = Dark Green ('Gnome'; 'Tracy')	2 Weddin Green (Corsby 73	, didaton /
		,		and the second of the second s
★ 13	FLO	WER COLOR:		
80	٦	1 = White 2 = Purple	3 = White with purple throat	
		2 - Fulpie	5 - Write with purple throat	
* 14	POD	COLOR:		
n		1		
7	1	1 = Tan 2 = Brown	3 = Black	The second secon
		IT PUBESCENCE COLOR:		
X 15	. PLAN	IT POBESCENCE COLOR:	•	
	1	1 = Gray 2 = Brown (Taw	my)	and the second of the second o
16.	PLAN	T TYPES:		
28 - 25		1 = Slender ('Essex'; 'Amsoy 71')	2 = Intermediate ('Amcor'; 'Bra	cton')
9 m - 1	2	3 = Bushy ('Gnome'; 'Govan')		
) —				
1 7.	PLAN	T HABIT:		
No. of the second	3	1 = Determinate ('Gnome'; 'Braxton'	2 = Semi-Determinate ('Will')	and the control of the second of the control of the
	لـــا	3 = Indeterminate ('Nebsoy'; 'Improv	/ed Pelican')	
1 12	لتا	·	ved Pelican')	
r 18.	MATU	3 = Indeterminate ('Nebsoy'; 'Improv	ved Pelican')	and the second
18.	MATU	RITY GROUP:		$\mathbf{I} \sim 10^{-10}$
T 18.	MATU 4	RITY GROUP: 1 = 000		$\mathbf{I} = \mathbf{I} \mathbf{V}^{\text{max}} \mathbf{S} = \mathbf{V}^{\text{max}}$
k 18.	MATU 4	RITY GROUP: 1 = 000	- O	
	4	RITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant)	er en
	4 DISEA	RITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant)	e en en de poiste de la companya de
	4 DISEA	### TERIAL DISEASES:	4 = I 5 = II 6 = II = VIII 12 = IX 13 = X ; 1 = Susceptible; 2 = Resistant)	er en
	4 DISEA	### RITY GROUP: 1 = 000	4 = I 5 = II 6 = II = VIII 12 = IX 13 = X ; 1 = Susceptible; 2 = Resistant)	er en
	4 DISEA	### TERIAL DISEASES:	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X 1; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	er en
	4 DISEA	RITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	en e
★	DISEA BACT	IRITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X 1; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	IRITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X 1; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	IRITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X 1; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	IRITY GROUP: 1 = 000	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	1 = 000 2 = 00 3 = 9 = VI 10 = VII 11 SE REACTION: (Enter, 0 = Not Tested FERIAL DISEASES: Bacterial Pustule (Xanthomonas phase) Bacterial Blight (Pseudomonas alycine) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina)	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X ; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	1 = 000 2 = 00 3 = 9 = VI 10 = VII 11 SE REACTION: (Enter 0 = Not Tested FERIAL DISEASES: Bacterial Pustule (Xanthomonas phase Bacterial Blight (Pseudomonas glycine Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines)	0 4 = I 5 = II 6 = II = VIII 12 = IX 13 = X ; 1 = Susceptible; 2 = Resistant) eoli var. sojensis)	
★	DISEA BACT	1 = 000 2 = 00 3 = 9 = VI 10 = VII 11 SE REACTION: (Enter, 0 = Not Tested FERIAL DISEASES: Bacterial Pustule (Xanthomonas phase) Bacterial Blight (Pseudomonas alycine) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina)	## 1	nce 5
★	DISEA BACT	RITY GROUP: 1 = 000	4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant) eoli var. sojensis) ea) Race 3 Race 4 Ri	
★	DISEA BACT	RITY GROUP: 1 = 000	4 = I 5 = II 6 = II	oce 5
★	DISEA BACT	RITY GROUP: 1 = 000	4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant) eoli var. sojensis) ea) Race 3 Race 4 Re	oce 5
1 19. ★	DISEA BACT	RITY GROUP: 1 = 000	4 = I 5 = II 6 = II = VIII 12 = IX 13 = X I; 1 = Susceptible; 2 = Resistant) eoli var. sojensis) ea) Race 4 Re Im var. manshurica) gatum)	ce 5
1 19. ★	DISEA BACT	IRITY GROUP: 1 = 000	0	ice 5 Other (Specify)

19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) (Continued)							
	FUN	GAL DISEASE	S: (Continued)				
*	1	Pod and Sten	n Blight <i>(Diaporthe phaseol</i> e	orum var; sojae)			
		Purple Seed S	Stain <i>(Cercospora kikuchii)</i>	•			
		Rhizoctonia I	Root Rot <i>(Rhizoctonia sola</i> ,	ni)			
		Phytophthora	a Rot <i>(Phytophthora megas</i>)	perma var. sojae)			
*	2	Race 1	2 Race 2 1	Race 3	Race 4 1 Race 5	1 Race 6 1 Race 7	
	1	Race 8	1 Race 9	Other (Specify) _	Somewhat intermedi	ate resistance to Race 1	
-	VIRA	L DISEASES:	to the second				
		Bud Blight (T	obacco Ringspot Virus)				
	$\overline{\Box}$		c (Bean Yellow Mosaic Viru	e)			
*	H						
			ic (Cowpea Chlorotic Virus)			
			Bean Pod Mottle Virus)				
*		Seed Mottle (Soybean Mosaic Virus)				
	NEMA	ATODE DISEA	SES:				
		Soybean Cyst	Nematode (Heterodera glyc	cines)	_		
*		Race 1	1 Race 2 1	Race 3	Race 4 1 Other (Specify)	
-		Lance Nemato	ode (Hopiolaimus Colombus)			
*		Southern Roo	t Knot Nematode (Meloido	gyne incognita)			
★ .	同	Northern Roo	t Knot Nematode (Meloido	gyne Hapla)			
	\sqcap	Peanut Root I	Knot Nematode (<i>Meloidogy</i>)	ne arenaria)			
		Reniform Nen	natode (<i>Rotylenchulus renit</i>	formis)			
-	H		ASE NOT ON FORM (Spec				
20. F	PHYSIO	LOGICAL RES	SPONSES: (Enter 0 = Not	Fested; 1 = Suscep	tible; 2 = Resistant)		
*	2,	: Iron Chlorosis	on Calcareous Soil				
		Other (Specify					
21. 1	NSECT	REACTION:	Enter 0 = Not Tested; 1 = 5	Suscentible: 2 = R	sele Chasas est element	Steen Amerikaan Steen Steen Steen St	
		Colored Aller	garantar a di kabupatèn dan dan	网络特拉斯拉斯	医数点 医复数医电路检查 医血压压剂	ded tray was the regular committy of the desperation	
	\sqcap	Potato Leaf H	onner (Emnasca, fabrel	Myster Compression	Allege to the service of the second of the s	oskiej dan die jegogropie	
		Other (Specify		n e i Afrikani ejek se i i Granifica e kanalisa	Service Services	tan interpretation of the second of the seco	
				****	And the second s		
22. I			RIETY MOST CLOSELY F				
-	CHARA		NAME OF VA	RIETY	CHARACTER	NAME OF VARIETY	
	lant Shar eaf Shap	:	A1937		Seed Coat Luster	Hodgson 78	
	ear Snap	and the second second	A1937	o de la companya de l	Seed Size	Ozzie	
	eaf Size	94, A	B152		Seed Shape Seedling Pigmentation	\$23-03	
	ja kanta ja sa	1	B152	<u>. An majaran a</u> Berbaran Berbaran Ka	Jeeuning Eighteritation	B236	

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIÊTY: Paired Comparison Data

VARIETY	DAYS LO	PLANT LODGING	CM PLANT	LEAFLET SIZE		SEED CONTENT		SEED SIZE G/100	NO. SEEDS/
		SCORE	HEIGHT	CM Width	CM Length	% Protein	% Oil	SEEDS	POD
12.	-						, \$ ± 7		
Submitted	124	2.4	92	5.6	11.0	40.3	21.7	15.2	2-4
Hodgson 78			e le Avis		4	C			
Name of Similar Variety	122	2.9	94 🙃	2°'4'9:	-10 . 8.	39.2	21.2	13.5	2-3

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

Course part tox Sector State Sector Co

1.1. 电流 奇物多级多数

14.1 中心理解的原理。\$P

je niji ji diga genarena, ejisenje sha u b

a not than the form was ordered to the o

Continue parties (5 to the contract of the contract of

Kentan dikawat akhin ranga karaju, ilanga

化化学性性 医骨髓性 医骨髓 电发光器

error base of fragers of the State of the

(1) 14 10年2的實際基準 - 电电子中间 1974

igning a complement gagether and a percentage for the first percentage and religious

SECTION OF A MICHIGAN CONTRACT OF STATE OF STATE OF A S

Autoritation and grown the grown that the grown the grown that the grown that the grown the grown the grown the

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.



EXHIBIT D

Additional Description of the Variety

Soybean variety S17-18 is a mid to late Maturity cultivar maturing two days later than Hodgson 78. It has normal tolerance for metribuzin herbicide. It exhibits short hypocotyl elongation when grown in 11 cm. of sand at 25° C for 14 days.

EXHIBIT E

Statement of the Basis of Applicant's Ownership

Soybean variety S17-18 was developed by the Northrup King Co. soybean breeding staff from germplasm sources cited in Exhibit A of this application. Northrup King Co. believes that the variety is novel as defined in the Plant Variety Protection Act and, therefore, that Northrup King Co. is the sole owner of the variety.